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PATENT APPLICATION  
Docket No.: 7045.16

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edward Jackson )  
Serial No.: 09/698,747 )  
Filed: October 27, 2000 )  
For: METHOD AND APPARATUS FOR )  
INTRODUCING SULPHUR DIOXIDE )  
INTO AQUEOUS SOLUTIONS )  
Examiner: Marian Knode )

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Art Unit  
1764  
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APR 24 2002  
TC 1700

PETITION TO MAKE SPECIAL UNDER 37 C.F.R. § 1.102(c)  
AND MPEP 708.02 V "ENVIRONMENTAL QUALITY"

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Applicant respectfully requests that examination of the above-referenced patent application be advanced out of turn and that the prosecution be performed in an expedited manner. In conformance with 37 C.F.R. § 1.102(c) and MPEP 708.02 V, Applicant submits this written Petition in favor of an application that significantly impacts the preservation and maintenance of water and soil. The petition does not require a fee.

Accompanying this Petition is a statement of the Invention pursuant to 37 C.F.R. § 1.102.

All requirements of this Petition being met, Applicant requests that it be granted.

DATED this 12<sup>th</sup> day of April, 2002.

Respectfully submitted,



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PATENT APPLICATION  
Docket No.: 7045.16

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edward Jackson

Serial No.: 09/698,747

Filed: October 27, 2000

For: METHOD AND APPARATUS FOR  
INTRODUCING SULPHUR DIOXIDE INTO  
AQUEOUS SOLUTIONS

Examiner: Marian Knodle

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STATEMENT UNDER 37 C.F.R. § 1.102(c)

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

The declarant and inventor, Edward Jackson, states as follows:

1. I am a citizen of the United States and over 21 years of age. I make this declaration voluntarily and based upon my own personal knowledge.
2. The technology set forth in this application materially enhances the quality of the environment, or materially contributes to the development and conservation of energy resources.
3. In particular, the present invention contributes to the restoration and maintenance of water and soil. The present invention does so as follows:
  4. Many areas of the world have water that is alkaline, that is, water with high pH caused by the presence of bicarbonates and carbonates at detrimental levels. When such water is consistently used on soil, it causes the soil to crust and creates a layer in the soil which impedes

penetration of water, air, and other nutrients. In short, the soil becomes less productive and eventually useless.

5. The present invention is directed to a self-contained device, having no moving parts, which creates a sufficiently acidic aqueous solution which, when combined with alkaline water, neutralizes the bicarbonates and carbonates in the water, or provides a slightly acidic water to counteract the alkaline nature of already damaged water or soil. That is, the apparatus of the present invention creates a sufficiently acidic solution to neutralize highly alkaline water, to help break down damaged soil to revitalize it. In this way, less water is needed for watering crops and the soil is revitalized.

6. Different forms of the present invention have been patented and are presently pending for patent protection. I have met with water conservation experts, agricultural experts, diplomats and government leaders, as well as other water resource companies, entities and agencies world wide.

7. The invention has been met with excitement and hopes that the invention might be soon made available. Because the invention materially enhances the quality of the environment by contributing to the restoration, maintenance and efficient use of water and soil, I request that prosecution be expedited and advanced out of turn.

8. I declare under penalty of perjury that the foregoing is true and correct.

DATED this 12<sup>th</sup> day of April, 2002.

EDWARD JACKSON, Declarant and Inventor





TRANSMITTAL LETTER  
(General - Patent Pending)

Docket No.  
7045.16

In Reply to Application No. Of: Edward W. Jackson

Serial No.  
09/698,747

Filing Date  
October 21, 2000

Examiner  
Marian Knode

Group Art Unit  
1764

Title: METHOD AND APPARATUS FOR INTRODUCING SULPHUR DIOXIDE INTO AQUEOUS SOLUTIONS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Petition to Make Special (2 pgs); Statement Under 37 C.F.R. § 1.102(c) (2 pgs); and postcard

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in the above identified application.

No additional fee is required.  
 A check in the amount of \_\_\_\_\_ is attached.  
 The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.  
 Charge the amount of \_\_\_\_\_  
 Credit any overpayment.  
 Charge any additional fee required.

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Signature

Dated: April 12, 2002

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I certify that this document and fee is being deposited on April 12, 2002, with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Margaret Carlson

Typed or Printed Name of Person Mailing Correspondence

CC: